Levels of Significance (X-	alpha			
		and Cor	fidence	level,
Level of significance -> The when	probability with is true is	ith whi	ch we evel of	significance.
- Probab	elity of Type	1 emos		
Confidence doterno level -> Ti	ne probability	with is	true is	the confidence level. se probability sums to 1)
Levels of Significance			fidence	level.
0.01 1%		> -	19%	.99
			5%	.95
1 1 1 9/		,	10%	. 90
.1 10%	4 - 5	000 (1)	e accept	the null hypothesis.
level of significance -> Ch (er	rost chances)	in ac sa		
Confidence level -> True	-hande we o	ocept.	the null	hypothesis.
Confidence level - Inve	L 5% 00 0.0	5 signi	ficance	level.
Suppose from z test, we ge		Level	of signific	can a Corresponding confident interval in terms of Zvalu
Rejection 95%	Rijection Area	-	.01	-1.645x to +1.645x
confidence Interval	2.5%		0:05	- 1.96x to +1.96x
Rejection 95% Confidence Interval Acceptance Region	20.4		•1	-2.58x to +2.58x
	10 11	- H - 210		unted •
- P value > level of signific	cance, Non by	pointsis		ented.
- P value > level of signific - P value < level of significant Left 'tail test	conce 1 Non	il test		Two tail test
Left tail test	Kight I	All Test		
HI: < (less than)				MI: # (not equally) MITTI
H, - Alternative hypoth	D			
5 a nacket	of 100 enocon	otes,		
Null hypothesis - Packet	contain 100 ct	nocolate	8.	so than 100 chorolotes
Alternate hypothesis Tuff we think I have a hocolates, use left tail fest				
(2) If we think chocolates aic it	1016 41141		USE	Right tall test.
@If we think chocalates are n	of exactly equa	to 100	chocatates,	count (chocolates) \$ 100 chorols use Two tail test